

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 20519-029US1	Application No. 10/549,934
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Ill-Shin KIM et al.	
		Filing Date September 20, 2005	Group Art Unit 3744

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001/0025505	10/04/2001	Nelson			
	AB	2002/0121096	09/05/2002	Harrison			
	AC	2002/0124576	09/12/2002	Loibl			
	AD	2003/0010056	01/16/2003	Sakamoto			
	AE	2003/0046947	03/13/2003	Ohya			
	AF	1,017,197	02/13/1912	Barnes			
	AG	1,064,314	06/10/1913	German			
	AH	1,377,411	05/10/1921	Douglas			
	AI	1,377,455	05/10/1921	Beidler			
	AJ	1,604,621	10/26/1926	Wallace			
	AK	2,139,441	12/06/1938	Clarke			
	AL	2,223,947	12/03/1940	Blood			
	AM	2,256,551	09/23/1941	Colvin			
	AN	2,400,634	05/21/1946	Earle			
	AO	2,410,334	10/29/1946	Brace			
	AP	2,493,488	01/03/1950	Jordan			
	AQ	2,544,394	03/06/1951	Muffly			
	AR	2,605,621	08/05/1952	Kellershon			
	AS	2,717,505	09/13/1955	Andersson			
	AT	2,765,633	10/09/1956	Muffly			
	AU	2,774,224	12/18/1956	Bayston			
	AV	2,779,165	01/29/1957	Pichler			
	AW	2,795,117	06/11/1957	Herndon, Jr.			
	AX	2,907,180	10/06/1959	Mann			
	AY	3,025,679	03/20/1962	Keighley			
	AZ	3,046,754	07/31/1962	Kniffin			
	BA	3,100,970	08/20/1963	Elfving			

Examiner Signature	Date Considered
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		Applicant III-Shin KIM et al.	
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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	3,122,005	02/25/1964	Constantini			
	BC	3,126,714	03/31/1964	Zuercher, Jr.			
	BD	3,146,606	09/01/1964	Grimes			
	BE	3,151,472	10/06/1964	Harle			
	BF	3,182,464	05/11/1965	Archer			
	BG	3,192,726	07/06/1965	Newton			
	BH	3,225,559	12/28/1965	Fischer			
	BI	3,226,939	01/04/1966	Harbison			
	BJ	3,270,519	09/06/1966	Pohl, Jr.			
	BK	3,308,631	03/14/1967	Kniffin			
	BL	3,350,899	11/07/1967	Jones			
	BM	3,359,751	12/26/1967	Stevens			
	BN	3,382,682	05/14/1968	Frohbieter			
	BO	3,440,308	04/ 22/1969	Carbary			
	BP	3,541,806	11/24/1970	Jacobs			
	BQ	3,561,231	02/09/1971	Webb			
	BR	3,581,516	06/01/1971	Buchser			
	BS	3,602,007	08/31/1971	Drieci			
	BT	3,633,374	01/11/1972	Canter			
	BU	3,640,088	02/08/1972	Jacobus			
	BV	3,654,772	04/11/1972	Curry, III			
	BW	3,745,779	07/17/1973	Bright			
	BX	3,747,363	07/24/197	Grimm			
	BY	3,775,994	12/04/1973	Linstromberg			
	BZ	3,788,089	01/29/1974	Graves			
	CA	3,789,620	02/05/1974	Benasutti			
	CB	3,821,881	07/02/1974	Harkias			

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(37 CFR §1.98(b))			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	CD	3,850,008	11/26/1974	Frazier			
	CE	3,866,434	02/18/1975	Pugh			
	CF	3,889,888	06/17/197	Prada			
	CG	3,902,331	09/02/1975	True, Jr.			
	CH	3,972,204	08/03/1976	Sidorenko			
	CI	4,003,214	01/18/1977	Schumacher			
	CJ	4,007,600	02/15/1977	Simms			
	CK	4,020,644	05/03/1977	True, Jr.			
	CL	4,084,725	04/18/1978	Buchser			
	CM	4,087,140	05/02/1978	Linstromberg			
	CN	4,100,761	07/18/1978	Linstromberg			
	CO	4,118,451	10/03/1978	Schaus			
	CP	4,142,373	03/06/1979	Weibel, Jr.			
	CQ	4,142,377	03/06/1979	Fogt			
	CR	4,142,378	03/06/1979	Bright			
	CS	4,227,383	10/14/1980	Horvay			
	CT	4,250,923	02/17/1981	Johnson			
	CU	4,280,682	07/28/1981	Zukauskys			
	CV	4,285,212	08/25/1981	Prada			
	CW	4,306,757	12/22/1981	Horvay			
	CX	4,332,146	06/01/1982	Yamazaki			
	CY	4,487,024	12/11/1984	Fletcher			
	CZ	4,587,810	05/13/1986	Fletcher			
	DA	4,614,088	09/30/1986	Brooks			
	DB	4,644,753	02/24/1987	Burke			
	DC	4,727,720	03/01/1988	Wernicki			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	DD	4,732,009	03/22/1988	Frohbieter			
	DE	4,754,615	07/05/1988	Linstromberg			
	DF	4,756,165	07/12/1988	Chestnut			
	DG	4,799,362	01/24/1989	Chestnut			
	DH	4,831,840	05/23/1989	Fletcher			
	DI	4,835,978	06/06/1989	Cole			
	DJ	4,838,026	06/13/1989	Scarl			
	DK	4,889,316	12/26/1989	Donahue, Jr.			
	DL	4,916,921	04/17/1990	Fletcher			
	DM	4,922,725	05/08/1990	Rasmussen			
	DN	4,961,320	10/09/1990	Gutmann			
	DO	4,970,871	11/20/1990	Rudick			
	DP	4,997,109	03/05/1991	Carper			
	DQ	5,010,738	04/30/1991	Brown			
	DR	5,033,636	07/23/1991	Jenkins			
	DS	5,037,004	08/06/1991	Katz			
	DT	5,056,688	10/15/1991	Goetz			
	DU	5,090,208	02/25/1992	Aono			
	DV	5,117,654	06/02/1992	Steffenhagen			
	DW	5,198,244	03/30/1993	Rice			
	DX	5,212,955	05/25/1993	Hogan			
	DY	5,219,225	06/15/1993	Ball			
	DZ	5,261,248	11/16/1993	Willis			
	EA	5,272,888	12/28/1993	Fisher			
	EB	5,273,219	12/28/1993	Beach, Jr.			
	EC	5,310,090	05/10/1994	Taylor, Jr.			
	ED	5,327,856	07/12/1994	Schroeder			

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U.S. Patent Documents							
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	EF	5,357,769	10/25/1994	Crabtree			
	EG	5,542,264	08/06/1996	Hortin			
	EH	5,596,182	01/21/1997	Edwards			
	EI	5,642,628	07/01/1997	Whipple, III			
	EJ	5,711,159	01/27/1998	Whipple, III			
	EK	5,729,997	03/24/1998	Witsoe			
	EL	5,758,512	06/02/1998	Peterson			
	EM	5,787,723	08/04/1998	Mueller			
	EN	5,810,331	09/22/1998	Smock			
	EO	5,816,060	10/06/1998	Brownell			
	EP	5,823,001	10/20/1998	Patrick			
	EQ	5,829,263	11/03/1998	Park			
	ER	5,834,126	11/10/1998	Sheu			
	ES	5,846,446	12/08/1998	Jackson			
	ET	5,849,227	12/15/1998	Chikugo			
	EU	5,899,083	05/04/1999	Peterson			
	EV	5,947,342	09/07/1999	Song			
	EW	5,992,167	11/30/1999	Hill			
	EX	6,019,447	02/01/2000	Jackovin			
	EY	6,050,097	04/18/2000	Nelson			
	EZ	6,053,472	04/25/2000	DeLand			
	FA	6,055,826	05/02/2000	Hiraoka			
	FB	6,062,826	05/16/2000	Morimoto			
	FC	6,090,281	07/18/2000	Buckner			
	FD	6,091,062	07/18/2000	Pfahnl			
	FE	6,148,620	11/21/2000	Kumagai			

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Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	FG	6,286,324	09/11/2001	Pastryk			
	FH	6,312,608	11/06/2001	Buckner			
	FI	6,314,745	11/13/2001	Janke			
	FJ	6,351,955	03/05/2002	Oltman			
	FK	6,351,958	03/05/2002	Pastryk			
	FL	6,351,967	03/05/2002	Adachi			
	FM	6,401,461	06/11/2002	Harrison			
	FN	6,412,286	07/02/2002	Park			
	FO	6,422,031	07/23/2002	Mandel			
	FP	6,425,425	07/30/2002	Bianchi			
	FQ	6,438,976	08/27/2002	Shapiro			
	FR	6,438,988	08/27/2002	Paskey			
	FS	6,442,954	09/03/2002	Shapiro			
	FT	6,464,854	10/15/2002	Andrews			
	FU	6,474,094	11/05/2002	Kim			
	FV	6,574,974	06/10/2003	Herzog			
	FW	6,604,377	08/12/2003	Watanabe			
	FX	6,612,116	09/02/2003	Fu			
	FY	6,655,166	12/02/2003	Williams			
	FZ	6,694,754	02/24/2004	Schenk			
	GA	6,708,726	03/23/2004	Hashimoto			
	GB	6,725,680	04/27/2004	Schenk			
	GC	6,732,537	05/11/2004	Anell			
	GD	6,755,166	06/29/2004	Chang			
	GE	6,820,433	11/23/2004	Hwang			
	GF	6,845,631	01/25/2005	Hallin			

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	GG	6,880,355	04/19/2005	Jung			
	GH						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	GI	CN 1104608	10/09/1991	China				X
	GJ	EP 0 657 706	06/14/1995	Europe			In English	
	GK	EP 0 715 136	05/06/1996	Europe			In English	
	GL	EP 1 445 558	11/08/2004	Europe			In English	
	GM	GB 2 167 544	05/29/1986	United Kingdom			ABS	
	GN	GB 2 242 731	10/09/1991	United Kingdom			ABS	
	GO	JP 04-124570	04/24/1992	Japan			ABS	
	GP	JP 06-011228	01/21/1994	Japan			ABS	
	GQ	JP 50-069644	06/10/1975	Japan				X
	GR	JP 56-113417	09/07/1981	Japan			ABS	
	GS	JP 2000-065458	03/03/2000	Japan			ABS	
	GT	JP 2002-228316	08/14 /2002	Japan			ABS	
	GU	JP 2003-56966	02/26/2003	Japan			ABS	
	GV	WO 03/102481	12/11/2003	WIPO			In English	
	GW							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	GX	
	GY	
	GZ	

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